BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Improvements of Existing Toilets at Hegadenagara in Ward no.06 Byatarayanapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	**49.65**	KSRRB 300-1. Earth work excavation by manual means in ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Cum	107.16	Rupees One Hundred Seven and Sixteen Paise Only
2	**1.80**	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	6360.20	Rupees Six Thousand Three Hundred Sixty and Twenty Paise Only
3	**37.62**	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications.	Sqm	**334.54**	Rupees Three Hundred Thirty Four and Fifty Four Paise Only
4	**4.90**	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications.	Cum	7855.17	Rupees Seven Thousand Eight Hundred Fifty Five and Seventeen Paise Only
5	**0.47**	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.	Qtl	73246.14	Rupees Seventy Three Thousand Two Hundred Forty Six and Fourteen Paise Only
6	**3.89**	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	6902.52	Rupees Six Thousand Nine Hundred Two and Fifty Two Paise Only
7	**1.73**	KSRB 6-2.3 Providing and constructing **burnt brick masonry** with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Cum	8735.96	Rupees Eight Thousand Seven Hundred Thirty Five and Ninety Six Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
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8	4.50	"SOLID PVC DOOR FRAMEProviding & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge	Sqm	687.38	Rupees Six Hundred Eighty Seven and Thirty Eight Paise Only
9	4.50	SOLID PANEL PRELAM PVC DOOR SHUTTERProviding & fixing 30mm thick factory made rigid foam prelam panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded prelaminated PVC 'C' Channel of 5mm thick sheet & 30x50mm wide of form styles & 5mm thick & 75mm wide prelaminated PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, sealed to the styles &rails with PVC designer beading on either side & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer –in-charge fixed to frames with 3nos of 75mm. Aluminium hinges. Page No. 58/ Item No. 9.85/ PWD SR 2016-17	Sqm	5286.01	Rupees Five Thousand Two Hundred Eighty Six and One Paise Only
10	15.00	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 110/ Item No. 15.21 PWD SR 2016-17**	Sqm	252.21	Rupees Two Hundred Fifty Two and Twenty One Paise Only
11	20.10	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads,steps and landing,laid on a bed of 20mm thick cement morta. 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, clearing etc. complete .The Worked including curing., clearing etc., complete, .The work includes cost of all materials. Labour charges for all items or work, hire charges for equipment, etc., complete as per specification. **Page No. 116/ Item No. 14.63 / PWD SR 2016-17**	Sqm	1404.81	Rupees One Thousand Four Hundred Four and Eighty One Paise Only
12	60.60	KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications.	Sqm	1400.89	Rupees One Thousand Four Hundred and Eighty Nine Paise Only
13	225.00	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. with primer.	Sqm	92.78	Rupees Ninety Two and Seventy Eight Paise Only
14	75.00	SKSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Cum	109.77	Rupees One Hundred Nine and Seventy Seven Paise Only
15	6.48	KSRB 15.17.8 : Extra over item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Cum	62.73	Rupees Sixty Two and Seventy Three Paise Only
16	7.00	90mm pipe outer dia(3 layer)	m	1659.64	Rupees One Thousand Six Hundred Fifty Nine and Sixty Four Paise Only
17	30.00	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete.(concealed work including cutting chases and good the walls etc,),15mm nominal OD pipes	m	326.70	Rupees Three Hundred Twenty Six and Seventy Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
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18	1000.00	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI	Ltr	7.84	Rupees Seven and Eighty Four Paise Only
19	10.00	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	317.55	Rupees Three Hundred Seventeen and Fifty Five Paise Only
20	5.00	Orissa Pattern of size 575x425mm with integral type footrests	Each	1241.46	Rupees One Thousand Two Hundred Forty One and Forty Six Paise Only
21	2.00	KSRB 11.11.1 : Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	unit	5078.22	Rupees Five Thousand Seventy Eight and Twenty Two Paise Only
22	2.00	KSRB 11-2 : Providing and fixing white vitreous china clay, water closets Orissa pattern of size 580 x 440mm with integral type footrests, 100m S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Cum	5666.28	Rupees Five Thousand Six Hundred Sixty Six and Twenty Eight Paise Only
23	11.30	KSRB 5.3-1 Providing and constructing granite / trap / basalt size stone masonry in basement with mud mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Sqm	3804.09	Rupees Three Thousand Eight Hundred Four and Nine Paise Only
24	12.96	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do-20 cms thick	Sqm	1018.00	Rupees One Thousand Eighteen Only
25	1	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage	no	16544.09	Rupees Sixteen Thousand Five Hundred Forty Four and Nine Paise Only

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Note:

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
2. Unit rates and prices shall be quoted by the Tender in Indian rupees.
3. Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)
4. Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"

Chief Engineer
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